

Appl. No. 09/833,944
Amdt. Dated July 18, 2005
Reply to Office Action of April 19, 2005

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the above-identified application:

1-9 (canceled).

10. (Currently Amended) An apparatus for displaying a plurality of data categories, comprising:

a display that is configured to produce a first visual layer representation of a first data category of the plurality of data categories and a second visual layer representation of a second data category of said plurality of data categories; and

a processor that is configured to control said display to present said first visual representation of said first data category superimposed over said second visual representation of said second data category such that the first visual representation masks said second visual representation in a first common region of said first visual representation and said second visual representation, said processor further configured to receive data representative of a predefined event and, upon receipt thereof, to superimpose said second visual representation of said second data category over said first visual representation of said first data category such that the second visual representation masks said first visual representation in said first common region if a predefined event is identified by said processor.

11. (Previously Presented) The apparatus of Claim 10, wherein said display is configured to produce a third visual representation of a third data category of the plurality of data categories and said processor is configured to control said display to present said first visual representation of said first data category superimposed over said third visual representation of said third data category such that said first visual representation masks said third visual representation in a second common region of said first visual representation and said third visual representation, said processor further configured to and superimpose said third visual representation of said third data category over said first

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visual representation of said first data category such that the third visual representation masks said first visual representation in said second common region if said a second predefined event is identified by said processor.

12. (Previously Presented) The apparatus of Claim 11, wherein said display is configured to produce a fourth visual representation of a fourth data category of the plurality of data categories and said processor is configured to control said display to present said first visual representation of said first data category superimposed over said fourth visual representation of said fourth data category such that said first visual representation masks said fourth visual representation in a fourth common region of said first visual representation and said fourth visual representation, said processor further configured to and superimpose said fourth visual representation of said fourth data category over said first visual representation of said first data category such that the fourth visual representation masks said first visual representation in said fourth common region if said a third predefined event is identified by said processor.

13. (Original) The apparatus of Claim 10, wherein said plurality of data categories are vehicle data categories.

14. (Original) The apparatus of Claim 10, wherein said plurality of data categories are aircraft data categories.

15. (Original) The apparatus of Claim 10, wherein said display is a Multi-Function Display (MFD).

16. (Original) The apparatus of Claim 10, wherein said first data category is sensor data.

17. (Original) The apparatus of Claim 10, wherein said second data category is navigation data.

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18. (Currently Amended) An apparatus for displaying a plurality of data categories, comprising:

a display that is configured to produce a first visual representation of a first data category of the plurality of data categories, a second visual representation of said second data category of the plurality of data categories; and

a processor that is configured to control said display during production of said first visual representation of said first data category[[,]] and said second visual representation of said second data category such that a first color is provided for said first visual representation of said first data category and a second color is provided for said second visual representation of said second data category,

wherein:

said first color that corresponds to a first priority, for said first color and said second color corresponds to a second priority, for said second color with

a first color difference between said first color and a background color of said display is greater than about seventy-five, and

a second color difference between said second color and said background color is less than about seventy-five.

19. (Original) The apparatus of Claim 18, wherein said first color difference is greater than about ninety (90).

20. (Original) The apparatus of Claim 18, wherein said first color difference is greater than about one hundred (100).

21. (Original) The apparatus of Claim 18, wherein said second color difference is less than about ninety (90).

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22. (Original) The apparatus of Claim 18, wherein said second color difference is less than about one hundred (100).

23. (Original) The apparatus of Claim 18, wherein said plurality of data categories are vehicle data categories.

24. (Original) The apparatus of Claim 18, wherein said plurality of data categories are aircraft data categories.

25. (Original) The apparatus of Claim 18, wherein said display is a Multi-Function Display (MFD).

26. (Original) The apparatus of Claim 18, wherein said first data category is sensor data.

27. (Original) The apparatus of Claim 18, wherein said second data category is navigation data.